The Kramer SID-H HDMI Step-In Commander

Congratulations on purchasing your Kramer DigiTOOLS® **SID-H** *HDMI Step-In Commander* which is ideal for boardrooms and presentation rooms.

The Kramer **SID-H** is an HDMI and unbalanced stereo audio remote device that is used to remotely take control of a compatible switcher, for example, the Kramer **VP-81SID**. The commander is HDCP compliant and does not need a power adapter if located within 50m (164ft) of the switcher.

Figure 1 and Table 1 define the **SID-H** *HDMI Step-In Commander*.

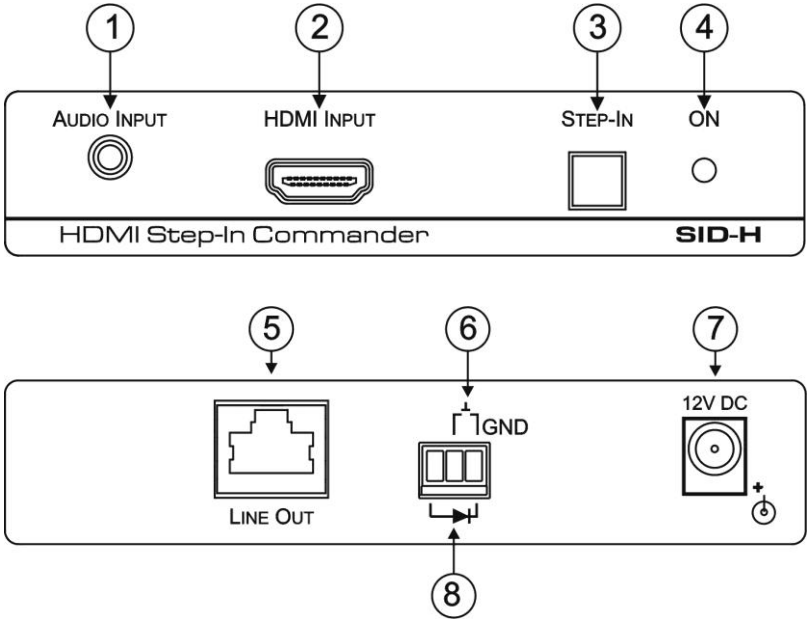

Figure 1: SID-H HDMI Step-In Commander Front and Rear Panel

Table 1: SID-H HDMI Step-In Commander Front and Rear Panel Features

#	Feature	Function
1	*AUDIO INPUT* 3.5mm Mini Jack	Connect to the unbalanced stereo audio source
2	*HDMI INPUT* DisplayPort Connector	Connect to the HDMI video source
3	*STEP IN* Button	Press to switch the input to this remote control commander. The button lights when active
4	*ON* LED	Lights green when the unit receives power
5	*LINE OUT* Twisted Pair RJ-45 Connector	Connect to the TP input of a compatible switcher (for example, the VP-81SID) using CAT 6 or higher specification cable
6	Remote Switch Terminal Block Connections (pins 2 and 3)	Connect to the remote step-in switch
7	*12V DC* Power Connector	Connect to the power adapter
8	Remote LED Terminal Block Connections (pins 1 and 3)	Connect to the remote LED (observe correct polarity. Connect pin 1 to the LED anode and pin 3 to the cathode)

Figure 2 illustrates how to connect the **SID-H** to a source, switcher, and remote switch and LED.

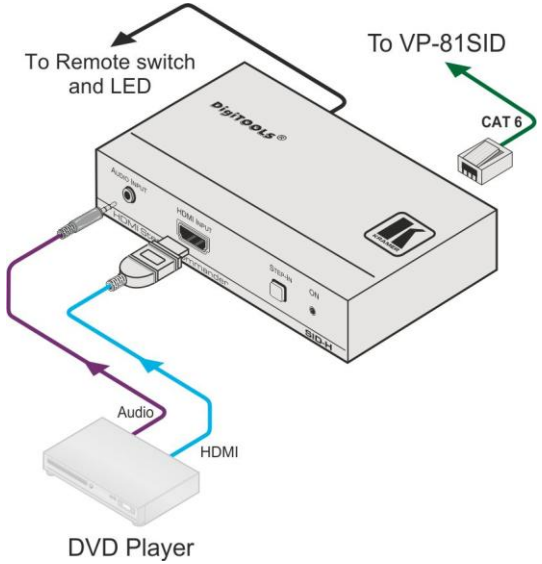

Figure 2: SID-H Wiring Connections

To connect the SID-H as illustrated in Figure 2:

1. Connect the HDMI video source (for example, a laptop graphics source) to the HDMI INPUT connector on the front panel of the **SID-H**.
2. Connect the unbalanced stereo audio source (for example, a laptop graphics source) to the 3.5mm mini jack AUDIO INPUT connector on the front of the **SID-H**.
3. Using STP cable, connect the LINE OUT RJ-45 TP connector on the rear panel of the **SID-H** to the required input on the rear panel of the **VP-81SID** (up to 50m away).
4. Optional—Connect the terminal block on the rear of the **SID-H** to the remote switch and LED.
   Note: The LED supply includes a current limiting resistor and is designed to work with any standard LED.
5. Connect the power adapter to the 12V DC connector on the rear of the **SID-H** and to the mains electricity (if the distance exceeds 50m (164ft) from the switcher).

Technical Specifications

Technical specifications of the **SID-H** are shown in Table 2.

Table 2: Technical specifications[1] of the SID-H HDMI Step-In Commander

INPUTS:	Video: HDMI Audio: 3.5mm mini jack
OUTPUT:	TP on an RJ-45 Ethernet connector
STEP-IN COMMANDER DISTANCE:	50m (164ft)
POWER CONSUMPTION:	12V DC, 360mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	–40° to +70°C (–40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
DIMENSIONS:	12.1cm x 7cm x 2.4cm (4.7" x 2.76" x 0.94") W, D, H
WEIGHT:	0.3kg (0.66lbs) approx
ACCESSORIES:	Power supply

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1 Product details are subject to change without notice

SID-H
HDMI Step-In Commander
Installation Instructions

For the latest information on our products and a list of Kramer distributors, visit our Web site at www.kramerelectronics.com

P/N: 2900-000709 Rev: 4

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